October 8, 2015

Elbit Systems presents new technological capabilities at SEECAT exhibition, Tokyo

Elbit will present, for the first time in Japan, its CYBERBIT™ solutions, comprised of Elbit Systems legacy cyber capabilities and the recently acquired NICE Systems Cyber and Intelligence division

Elbit Systems will present a wide range of technologies and innovative solutions, well suited for the Asian market, at SEECAT exhibition in Tokyo, set to take place between 14-16 October 2015. Visitors to the Company's booth (SN-07) will be able to view a wide array of innovative solutions and demonstrations of some of the Company's latest systems and products.

For the first time in SEECAT, Elbit systems will present its CYBERBIT innovative cyber solutions. Comprised of Elbit Systems legacy cyber activities, and the recently acquired Cyber and Intelligence division of NICE Systems, CYBERBIT's solutions address the entire intelligence cycle, including collection, processing, analysis and visualization.

The company will be focusing in different areas from its extensive product lines including:

- CYBERBIT – Cyber and Intelligence
- Self-Protection Solutions
- Sensors - Terrain Dominance Solutions and Border Protection
- Emergency Communication Display
- Aircraft Upgrades
- Unmanned Aircraft Systems (UAS)

<u>The following systems and products will be presented in the Company's booth:</u>

<u>CYBERBIT -CYBER and INTELLIGENCE</u>

CYBER Defense
The CyberShield™ suite provides an intelligent holistic view of advanced cyber threats across multiple types of infrastructure for early detection and effective response to protect isolated and semi-isolated networks.

CyberShield – a portfolio providing context-aware detection and mitigation for actionable insight. With the CyberShield portfolio, organizations can identify high priority cyber incidents across the entire organization (IT networks, SCADA networks and more), gain a comprehensive understanding and drill down into advanced threat patterns, responding quickly and effectively to the most severe threats and constantly monitoring system health and as well as manageing quality of service. Organizations can also efficiently manage cyber operations, including implementing best practices throughout all teams, across all sites, around the clock and effectively train response teams across a range of complex scenarios.

CyberShield AnD™ for SCADA Protecting critical infrastructure - the AnD solution provides monitoring and advanced protection for critical infrastructure networks and an independent overview of the network operational security status. The solution includes a network that provides real-time alerts for any traffic or command that is anomalous with a preconfigured policy (whitelist).

CyberShield MnR™ -quick, effective cyber mitigation and response. The MnR module shortens cyber event handling time by improving the efficiency of the response process, as well as enabling a more accurate and informed response to mitigate and respond to cyber threats. The solution enables organizations to respond quickly and effectively to the most severe threats, while applying best practices throughout all teams, across all sites, around the clock.

CyberShield TnS™ -enterprise level training and simulation**.** TnS module offers a virtual cyber defense environment designed to train cyber-security professionals and decision makers in securing isolated and nonisolated networks against a broad spectrum of cyber-attacks. The solution offers a scalable and realistic training experience where trainees are exposed to various attack scenarios and security breaches to improve their hands-on skills. The solution simulates large-scale virtual networks and attacks based on previous real-world incidents.

CyberShield AnD for IT-context-rich detection. This module for IT networks provides context-rich detection by mapping the entire cyber threat lifecycle and identifying both expert-defined behavioral patterns and statistical anomalies across the network.

INTELLIGENCE

Target 360°-supports intelligence agencies in meeting the challenges of communication interception. The system delivers a comprehensive solution that processes huge volumes of data about targets and transforms it into valuable intelligence. Analysts can track large numbers of target activities across the full

range of platforms, locations and devices and create a 360^0 picture of the Targets' movements.

Citer is an OSINT (WEBINT) end-to-end solution. It enables analysts to sift through publically available information and correlate information gathered with internal data. The results enable law enforcement agencies to improve target monitoring and to gain a broader understanding of global events.

Tactico Suite- CYBERBIT Tactico solutions includes multiple Off-the-Air interception tools designed to cope with various operational needs such as:

CYBERBIT Mediator - Active Interrogation and Interception System. This solution acts as a standard GSM base station which attracts GSM mobile devices in its near vicinity and controls their modes of operation, including identity retrieval, calls and SMS. The system allows its operator to either release the captured device back to the real network, or leave it under the system control - monitoring, intercepting and storing all its traffic.

CYBERBIT Interceptor - Passive Cellular Off-the-Air Solution. Provides covert interception of GSM and UMTS mobile devices in a wide area. CYBERBIT OtA transparently intercepts the radio link between the mobile device and the network base station. The user receives the intercepts in real time and can further handle them to identify and follow potential targets. It employs a distributed architecture approach coupled with sophisticated use of narrowband receiver banks, jointly providing a cutting edge passive interception solution.

CYBERBIT Eliminator - Detection, Location and Elimination of Active GSM Systems

Designed to provide peripheral protection to sites such as embassies, police headquarters, military facilities, government offices, etc, CYBERBIT Eliminator can detect a hostile active system, and an alert can be issued to personnel to use cell phones with caution

Fixed Satellite Interception Solutions- (FSS). Interception provides a means to intercept communications which do not originate in the country of the intelligence organization. FSS capabilities include interception of communication links from other countries, interception of national communication links provided by global service providers, and which are not accessible by any other means, and passive interception of communication links, without any service interruption or awareness by intercepted entities.

Speech Analytics Suite. This suite comprises an engine **containing** the highly advanced communication analysis and intelligence applications. The engine utilizes advance algorithms and takes advantage of a number of innovative

features by integrating speech analytics technology into the communication intelligence environment.

Self- Protection Solutions

All-in-Small™Complete Airborne Self-Protection Suite- is an airborne unified self-protection system, offering a complete, lightweight and compact electronic warfare (EW) suite in a single LRU for any airborne platform.

mini-MUSIC™ is an advanced, flight-tested directed infrared countermeasure (DIRCM) system in a single compact and lightweight package easily installed on small and medium rotary and fixed-wing platforms. The system protects small to medium sized rotary and fixed-wing aircraft against heat seeking ground to air missiles (MANPADS).

iSNS Immune Satellite Navigation System is a highly effective GPS ECCM system that ensures reliable, non-stop GPS operation. The solution provides full jamming immunity for multiple satellite channels, and handles multiple interfering signals and/or jammers operating on concurrent frequencies. iSNS enables immediate availability and uninterrupted communications and provides superior performance due to the maximization of RF capabilities. Delivering a unique level of flexibility, the iSNS works with all types of GPS systems. It offers extensive protection from jamming, without any prior knowledge of GPS satellite locations or GPS receiver antenna locations, and despite any antenna heading/pitch/roll.

TANDIR -An Advanced IR-based Threat Warning System for combat vehicles, Tandir is a highly-effective, affordable, and scalable, IR-based passive warning system for Combat Vehicles. By providing early, accurate, and reliable alerts for anti-tank threats-followed by timely activation of onboard hard/soft-kill countermeasures - TANDIR enhances the survivability of tanks, heavy infantry combat vehicles (HICVs), armored fighting vehicles (AFVs), Armored personnel carriers (APCs), and other combat vehicles.

Sensors - Terrain Dominance Solutions and Border Protection

Ground Sensors (UGS) –

LONG VIEW CR/SW is a versatile combined day/night system for long-range observation and target acquisition. Integrating a long -range zoom thermal, day and SWIR (optional) channels, eyesafe laser rangefinder, GPS and magnetic compass and mounted on a tripod or P&T, LONG VIEW CR is an outstanding tool for acquiring targets and engaging fire from long ranges.

TREASURES- a tactical reconnaissance and surveillance enhanced system, is a comprehensive system of unattended ground sensors (UGS). The system facilitates full situational awareness and round-the-clock border protection by enabling a quick and efficient sensor-to-shooter cycle. TREASURES detects,

classified and tracks human and vehicular targets in real time, on any terrain, and in all weather conditions. The system has light weight components, low maintenance and rapid deployment time, which enables seamless integration with third party sensors, subsystems and C4I systems.

TALOS™Is a Low-cost Unattended Ground Radar for human and vehicular tracking. It contains a patented low-energy design, featuring integrated solar panels for continuous operation, without the need for additional infrastructure.

MTR Is a Miniature Tactical Radar for human and vehicular detection and tracking, featuring a small form factor and ground level covert operation, with high target separation capability and solar panels for extremely low-energy consumption.

MID is a Miniature Imaging Detector containing hybrid day and thermal imagers with advanced VMD capabilities, utilizing the communications unit as a source of the energy and communications.

Communications Unit- The unit has three system uses: facilitating the connection of 3rd party detectors to the network, acting as an f1/f1 relay for sensor field extension and serving as a communication hub connected to the control station.

GSR - Portable Ground Surveillance Radar Systems

Foxtrack™- Portable Ground Surveillance Radar System**.** This lightweight, compact, man-portable radar is carried by two operators such as soldiers, special forces operations or can be installed on board a vehicle. The solution was designed to provide surveillance at medium to long ranges. The system differentiates individuals and / or vehicles from their surroundings, while identifying vehicle types by their characteristics. Foxtrack can be deployed for the protection of sensitive installations, airports, or along bordersand is designed to cope with challenging terrains, including coastal environments.

FPR-10 - Foliage Penetration Radar- is a Ground Surveillance Radar (GSR) providing long-range, accurate, high-resolution detection of vehicles and personnel that are located in or behind foliage. The FPR-10 is designed to withstand harsh environmental conditions as well as foliage interferences and disturbances. FPR-10 covers a wide range in azimuth and elevation, together with long-range detection, even in areas of dense foliage. Large areas including international borders, air and seaports - can be secured through the use of multiple units that together provide end-to-end, overlapping coverage.

Emergency Communication Display

WideBridge™- Mission-critical broadband services for first responders. Widebridge provides reliable and secure wireless broadband services via integrated cellular and radio networks. It enables real-time connection between personal communications devices, vehicular devices, first responders' radio networks and tactical radio networks. Using the Android mobile operating system and field-proven technologies, the solution supports secured voice, video, PTT, email, IM, and other channels that link public safety and commercial networks.

Aerospace Solutions

Digital-JHMCSis a lightweight and comfortable head mounted display (HMD), provided by RCEVS, a joint venture with Rockwell Collins. Offering an improved HMD center of gravity (CG) and balance reducing neck strains, DJHMCS is plug and play, with minimal installation requirements and the ability to operate with the aircraft's current tracker and electronic unit. The system's proven symbology, combined with color, creates a superior solution that provides intelligent vision in the cockpit in day and night missions. It provides immediate and accurate recognition of friendly, threat and unknown targets and areas to create a complete view of the air, ground and sea picture.

SkyBreaker™ - Unlimited Access to the Sky -is a networked multi-cockpit, mission oriented training center supporting many aircraft types. The system provides realistic simulated battlefield training using all aircraft systems and mission scenarios to enhance all levels of pilot training. The SkyBreaker facility houses a complex networked system designed to provide an entire squadron with the tools to practice modern air combat using SkyScen™, a sophisticated Computer Generated Forces (CGF) solution, in a fully integrated military setting.

ANVIS/HUD™24 – is an advanced head mounted system for helicopter, pilots that combines innovative LOS technology and HUD capabilities, thus enhancing flight safety and crew coordination while facilitating the operation of the helicopter's systems. Improving flight safety and situational awareness by reducing the pilot's head and eye motion for cockpit scanning, ANVIS/HUD®24T also enhances survivability in bad weather, degraded visibility environment (DVE), low altitudes or during night. The ANVIS/HUD®24T is suitable for utility, maritime and multi-role helicopters, allowing weapon integration.

Unmanned Aircraft Systems (UAS) – will be on display by graphics and multimedia

Skylark™ Mini UAS FamilyThe family includes the Skylark I-LEX and the Skylark 3. The UAS share common ground control station, and Data-Link as well as UAS software, flight navigation procedures and logics. The UAS are suitable for intelligence and surveillance in urban environments, with electrical engines that are inaudible even from low altitude, with a high quality day and night camera (EO/IR).

Hermes™ 90provides an optimized combination of high-end tactical UAS characteristics, with high mobility, rapid deployment, point-launch and recovery in harsh field conditions, at a significantly lower cost than comparable tactical UAS.

Hermes™ 450 a versatile, high performance, long-endurance system, is a major player in Israel's ongoing security activities. Equipped with Elbit Systems' DCoMPASS™ EO/IR/LD gimbaled electro-optical payload, this UAS can also incorporate a wide range of payloads including SAR/GMTI & MPR radar, ESM/ELINT, COMINT/DF, Large Area Scanning / Survey system, hyper-spectral payload and more, enabling selected dual payload configurations such as EO/IR and COMINT.

Hermes™ 900 Our latest generation UAS provides longer endurance, a flight altitude of 30,000 ft. and a large payload capacity, suitable for carrying a wide range of payloads as well as capabilities to operate in adverse weather. The UAS is highly autonomous, enabling automatic takeoff and landing and includes advanced avionics and electronic systems.

Hermes 900 is also offered in a unique configuration adapted for the maritime arena: The payloads suite includes up to 350 kg in maritime surveillance radar, AIS, electro-optical multi-sensor payload and electronic surveillance systems. It has the endurance to cover vast ocean areas, and has redundant LOS and satellite communications links and radio relay, enabling the operator to 'talk through' to vessels at sea. Satellite communication enables it to fly to mission areas at extended ranges as far as 1,000 nautical miles from shore.

About Elbit Systems

Elbit Systems Ltd. is an international high technology company engaged in a wide range of defense, homeland security and commercial programs throughout the world. The Company, which includes Elbit Systems and its subsidiaries, operates in the areas of aerospace, land and naval systems, command, control, communications, computers, intelligence surveillance and reconnaissance ("C4ISR"), unmanned aircraft systems, advanced electro-optics, electro-optic space systems, EW suites, signal intelligence systems, data links and communications systems, radios and cyber-based systems. The Company also focuses on the upgrading of existing platforms, developing new technologies for defense, homeland security and commercial applications and providing a range of support services, including training and simulation systems.

For additional information, visit: www.elbitsystems.com, follow us on Twitter or visit our official Youtube Channel

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